

Amendments to the Claims

This listing of claims will replace all prior version, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A single USB interface comprising:
a USB root hub host port coupled to a first USB bus ~~to provide a connection to a first network~~; and
a USB peripheral port coupled to a second USB bus ~~to provide a connection to a second network~~ wherein the USB peripheral port and the USB root hub host port are both active at the same time, wherein the USB root hub host port and the USB peripheral port are defined using predetermined signals.
2. (Canceled)
3. (Currently amended) The interface of claim 1 wherein two connected devices utilizing the single USB interface can have a peer-to-peer connection via the USB root hub host port and the USB peripheral port.
4. (Currently amended) The interface of claim 1 wherein two connected devices utilizing the single USB interface can have a one-to-many relationship via either the USB root hub host port and/or the USB peripheral port.
5. (Currently amended) The USB interface of claim 1 wherein a device incorporating the USB interface is able to communicate with a second USB device using only one physical I/O USB port of the second device to communicate via the single USB interface.
6. (Original) The interface of claim 1 wherein the predetermined signals comprise host differential data lines and peripheral differential data lines.
7. (Cancel)
8. (Cancel)

9. (Cancel)

10. (Cancel)

11. (Cancel)

12. (Currently amended) A device comprising:

a processor; and

a single USB interface, the interface comprising a USB root hub host port coupled to a first USB bus ~~to provide a connection to a first network~~; and

a USB peripheral port coupled to a second USB bus ~~to provide a connection to a second network~~ wherein the USB root hub host port and the USB peripheral port are defined using predetermined signals and wherein the USB ~~peripheral port~~ root hub port and the USB peripheral port host port are both active at the same time.

13. (Currently amended) The device of claim 12 wherein the single USB interface requires a connection to only one physical I/O port of a second ~~if the device is coupled to a device with a connector that includes~~ and this physical I/O port can be either a USB host port and or a USB peripheral port which are is defined using the predetermined signals.

14. (Original) The device of claim 12 wherein the predetermined signals comprise host differential data lines and peripheral differential data lines.